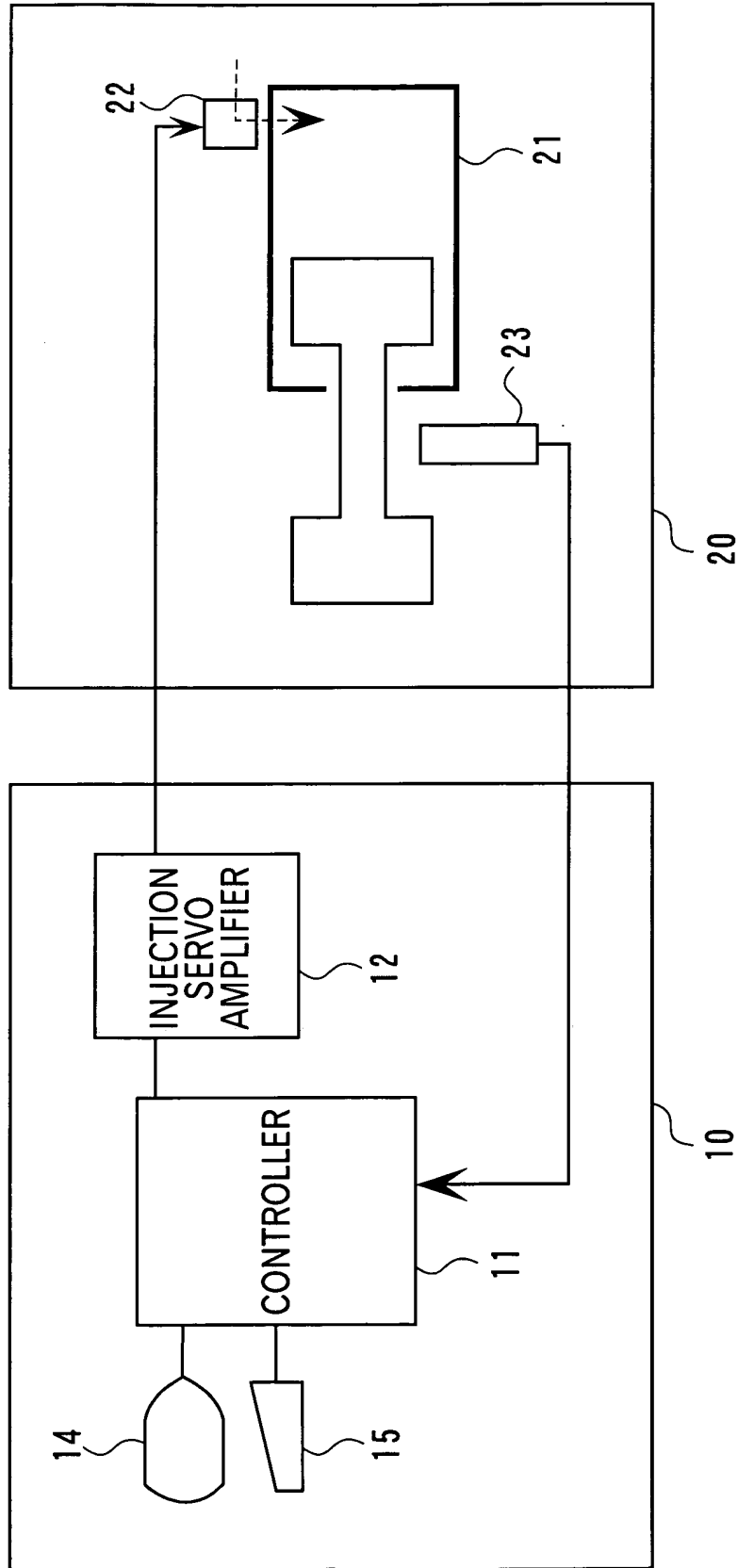


FIG. 1



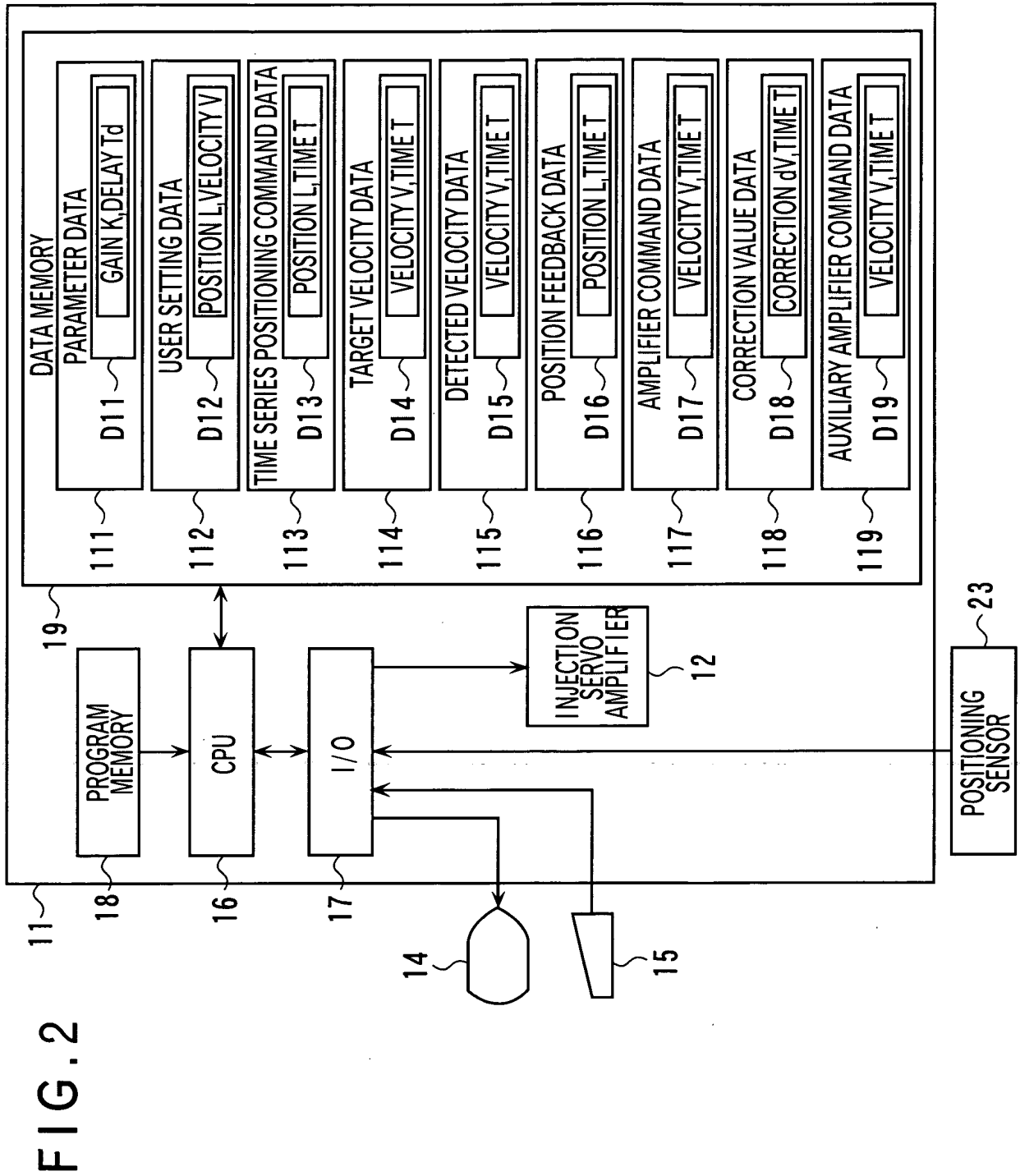


FIG. 3

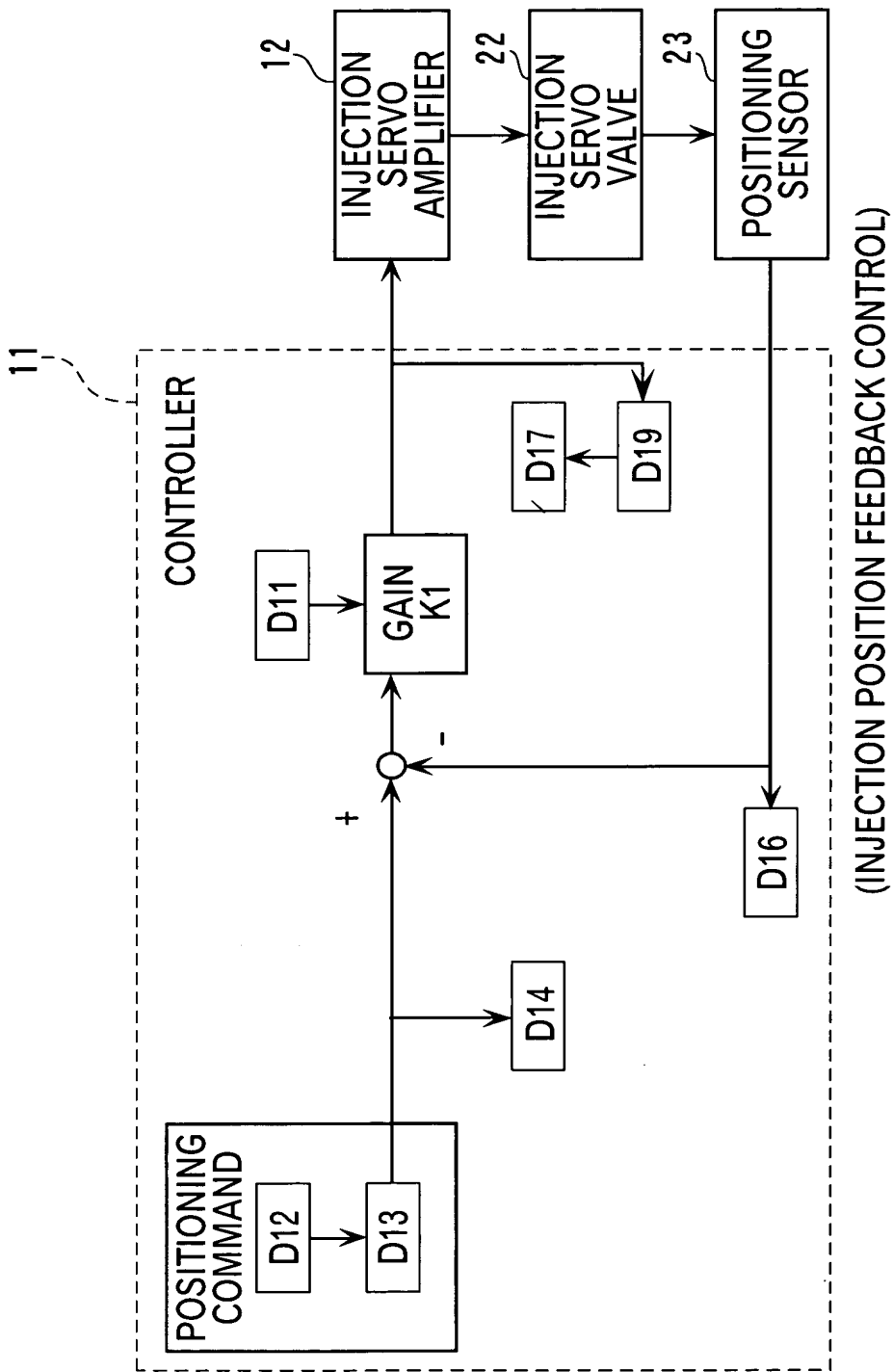


FIG. 4

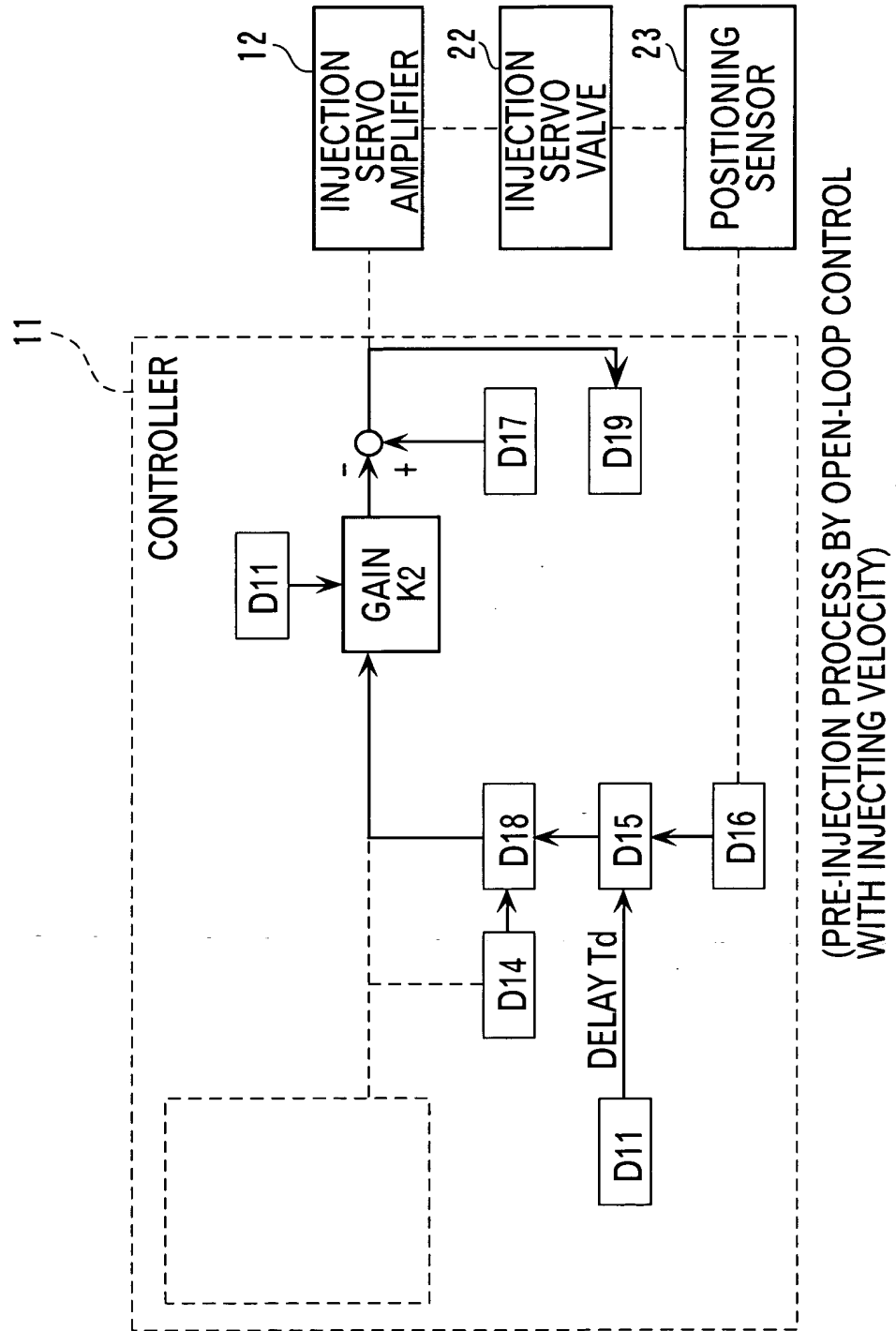


FIG. 5

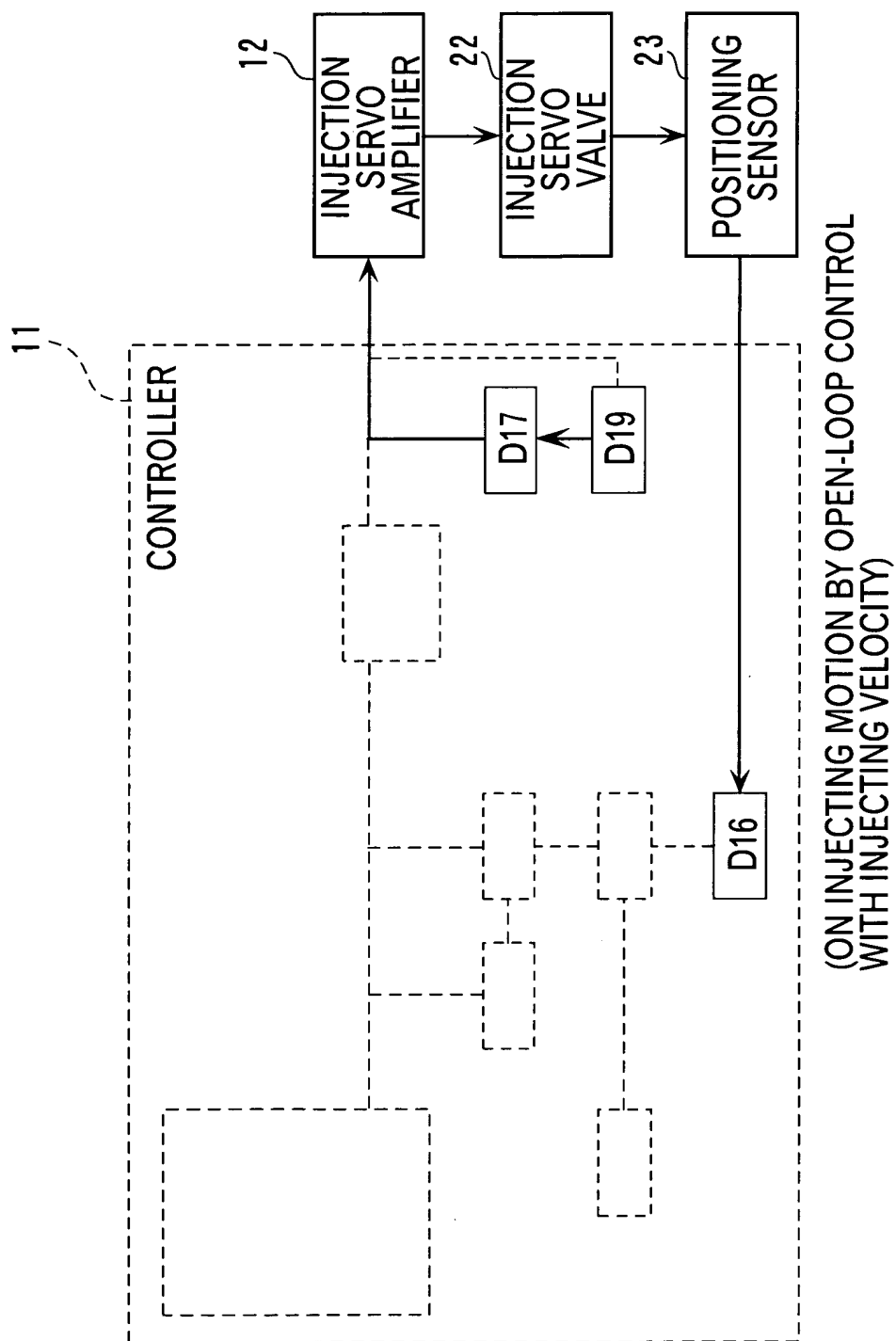
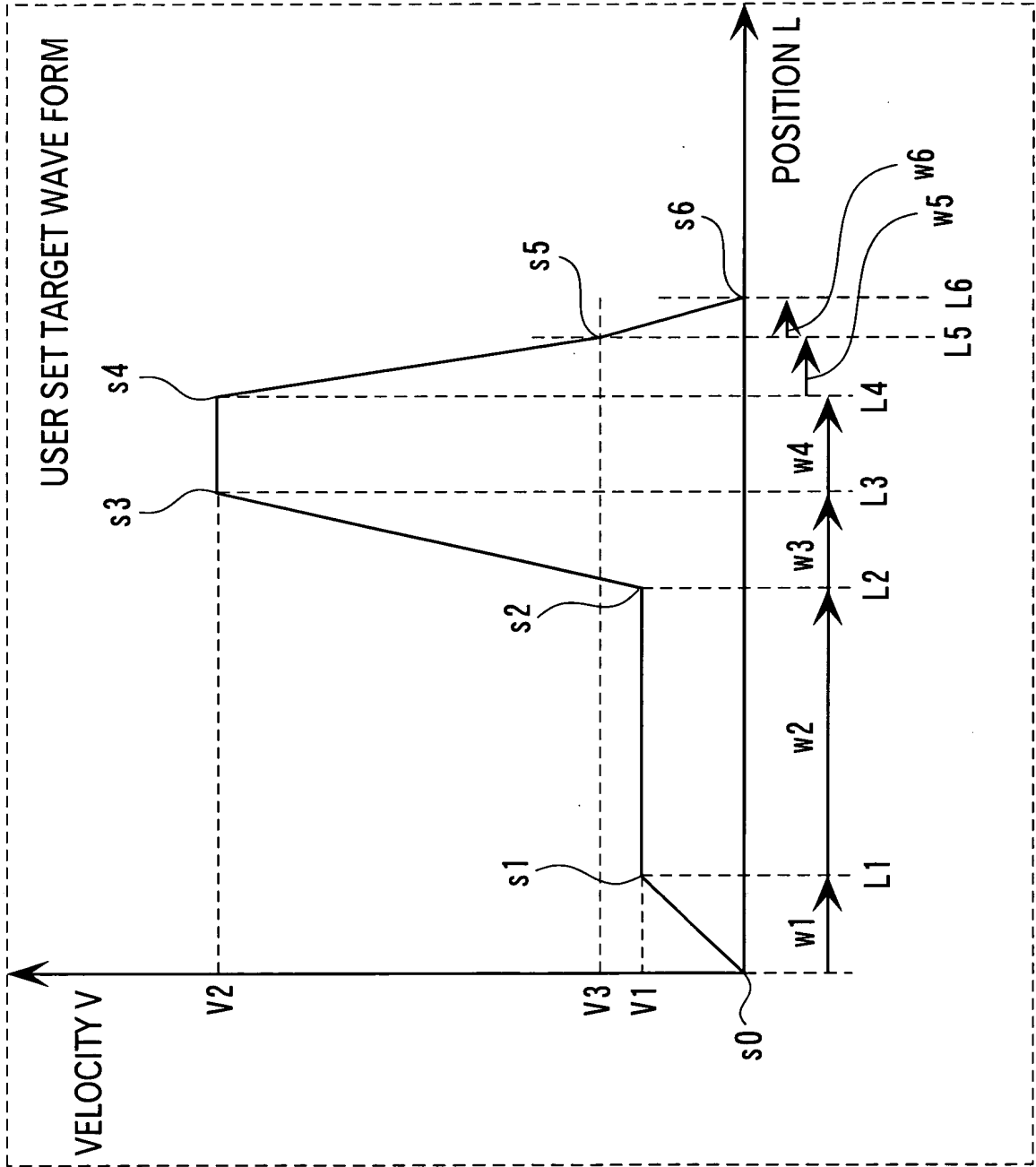


FIG. 6



D12

POINT	s0	s1	s2	s3	s4	s5	s6
POSITION	0	$L1 = w1$	$L2 = w1 + w2$	$L3 = w1 + \dots + w3$	$L4 = w1 + \dots + w4$	$L5 = w1 + \dots + w5$	$L6 = w1 + \dots + w6$
VELOCITY	0	V1	V1	V2	V2	V3	0

FIG. 8

TIME SERIES DATA TABLE OF TARGET WAVE FORM

TIME(sec)	POINT	POSITION	DISTANCE	VELOCITY
0.000	s0	0	0	0
0.001				
⋮				
1.000	s1	L1	$w1 = L1 - 0$	$v01 = w1/dT$
⋮				

D14

D13



FIG. 9

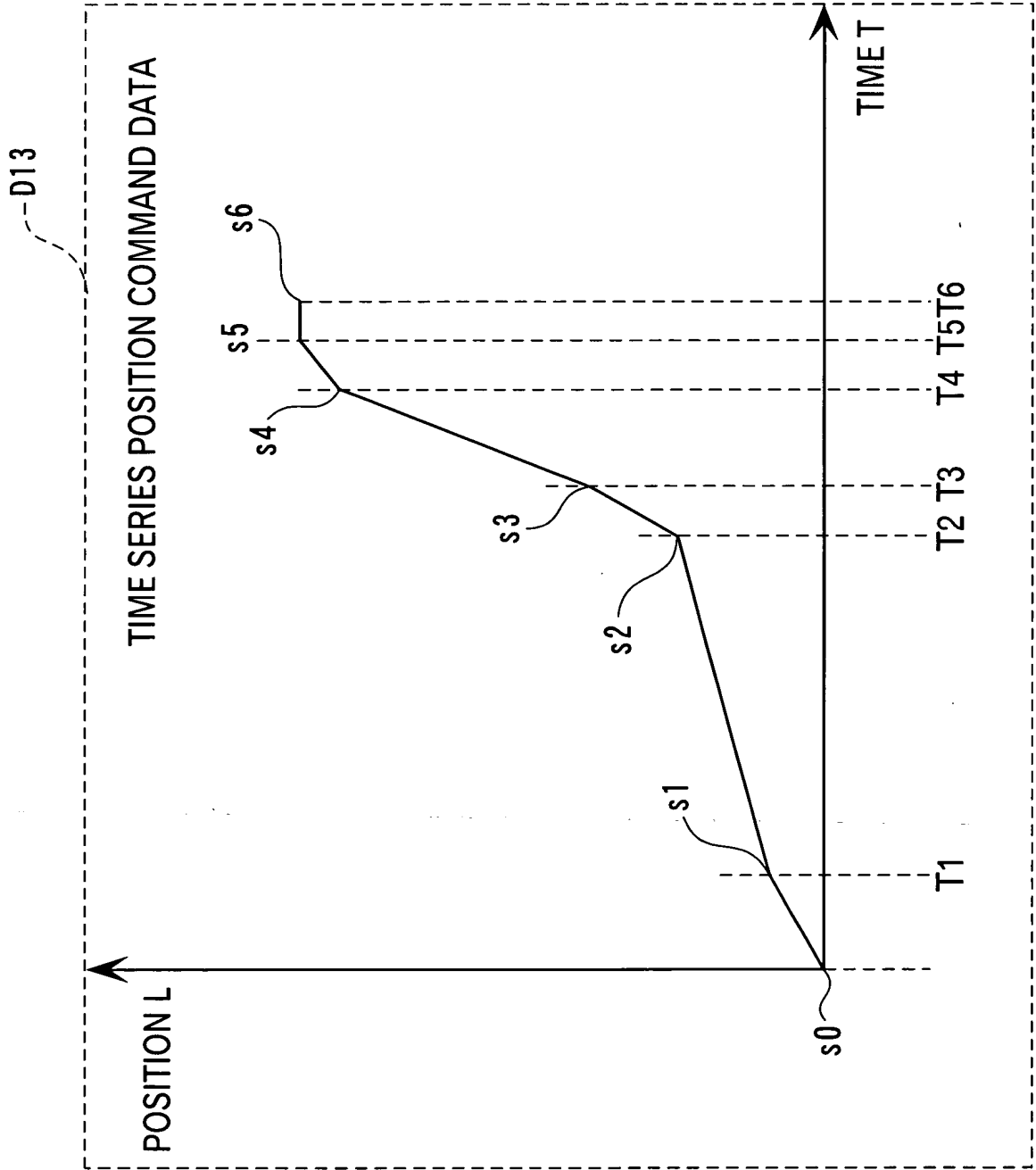


FIG. 10

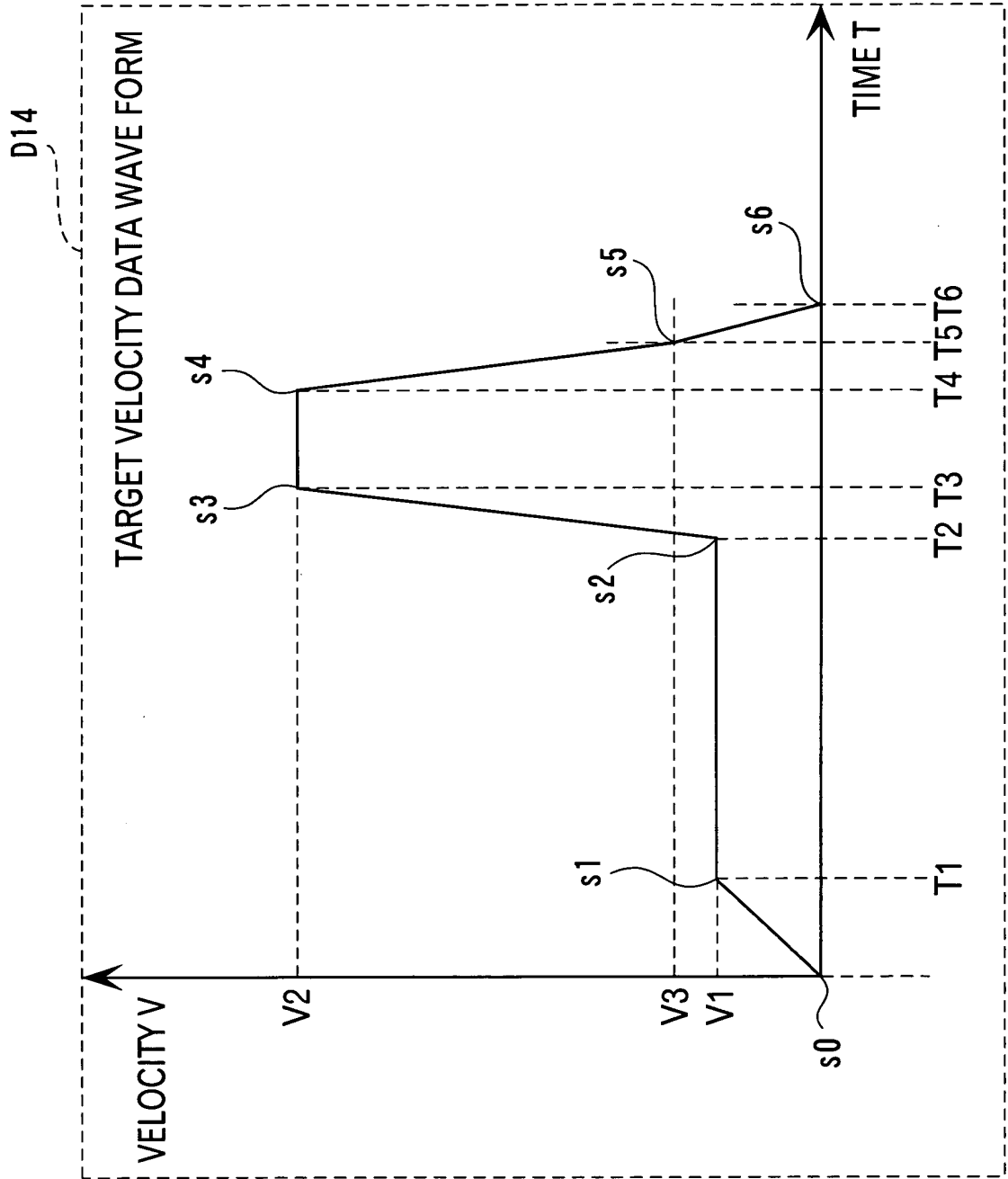


FIG.11

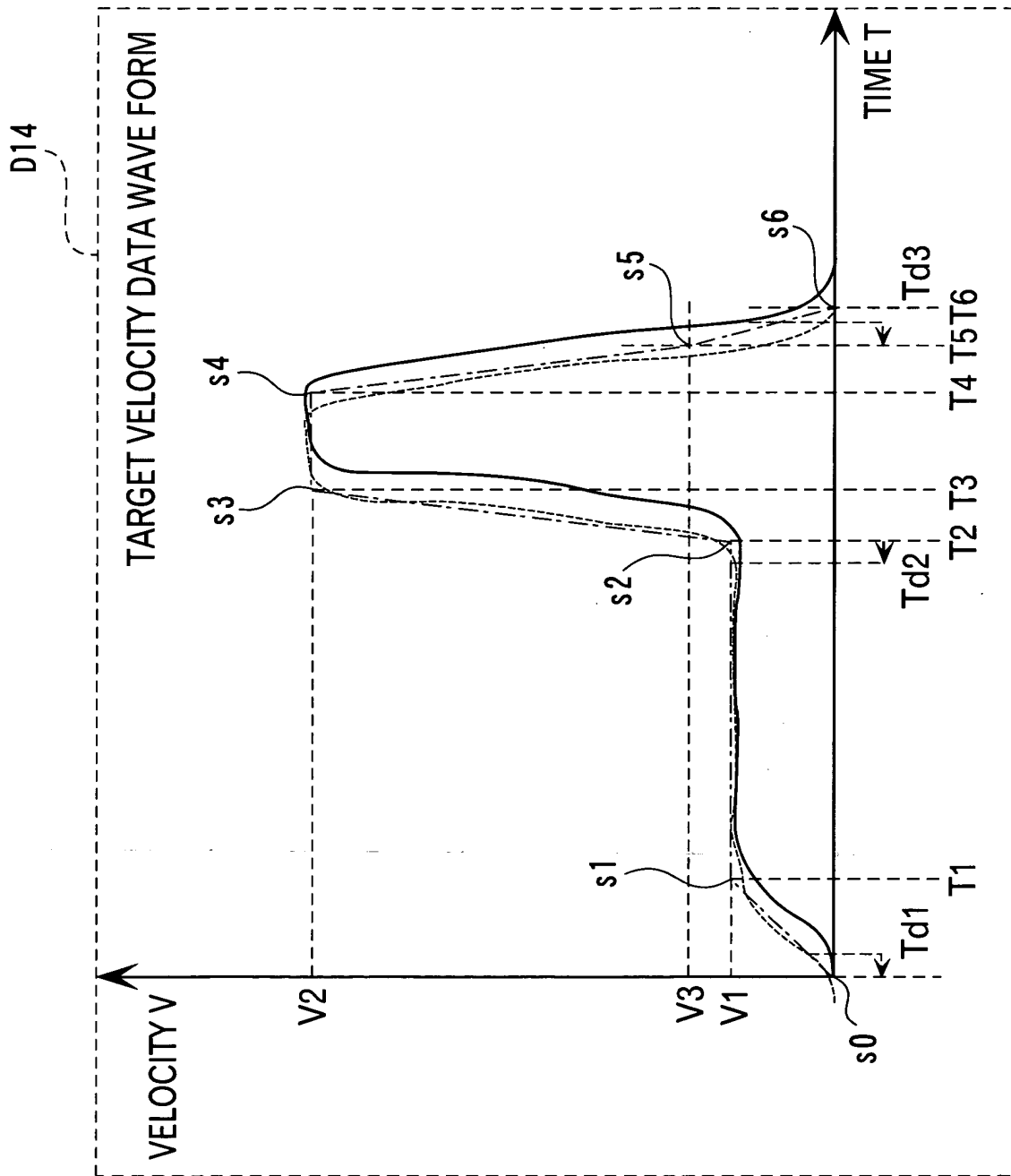


FIG. 12

